

PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2001

Application or Docket Number

09/977220

CLAIMS AS FILED - PART I

| | (Column 1) | (Column 2) |
|----------------------------------|---------------|--------------------------|
| TOTAL CLAIMS | 15 | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 15 minus 20 = | - |
| INDEPENDENT CLAIMS | 3 minus 3 = | 1 |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| | (Column 1) | (Column 2) | (Column 3) |
|--|----------------------------------|------------------------------------|--------------------------|
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | + 6 | Minus ** 20 | = |
| Independent | + 2 | Minus *** 3 | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> |

| | (Column 1) | (Column 2) | (Column 3) |
|--|----------------------------------|------------------------------------|--------------------------|
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | + 4 | Minus ** 20 | = |
| Independent | + 2 | Minus *** 2 | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> |

| | (Column 1) | (Column 2) | (Column 3) |
|--|----------------------------------|------------------------------------|--------------------------|
| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | + | Minus ** | = |
| Independent | + | Minus *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE

| RATE | FEE |
|-----------|--------|
| BASIC FEE | 370.00 |
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL | |

OTHER THAN SMALL ENTITY

| RATE | FEE |
|-----------|-------------------|
| BASIC FEE | 740.00 |
| X\$18= | |
| X84= | 84 |
| +280= | |
| TOTAL | 740.00 + 84 = 824 |

SMALL ENTITY

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL | |
| ADDITIONAL FEE | |

OTHER THAN SMALL ENTITY

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| X\$18= | |
| X84= | |
| +280= | |
| TOTAL | |
| ADDITIONAL FEE | |

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL | |
| ADDITIONAL FEE | |

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| X\$18= | |
| X84= | |
| +280= | |
| TOTAL | |
| ADDITIONAL FEE | |

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL | |
| ADDITIONAL FEE | |

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| X\$18= | |
| X84= | |
| +280= | |
| TOTAL | |
| ADDITIONAL FEE | |